

NAGENDAR VARKALA

6301770630 | varkalanagendar77@gmail.com | linkedin.com/in/nagendar-varkala | github.com/Nagendar23

EXPERIENCE

Full Stack Software Engineer Intern <i>Innorize Enterprises Private Limited</i>	Oct. 2025 – Present Hyderabad, India
<ul style="list-style-type: none">Built and optimized full-stack MERN/Next.js applications using Node.js, Express, and REST APIs, achieving a Lighthouse SEO score of 100 and reducing API latency by ~35% through MongoDB query optimizationMigrated production codebase from JavaScript to TypeScript and integrated Firebase Analytics, text-to-speech features, and abusive-content filtering to improve type safety, observability, and platform security	

PROJECTS

Campus-Connect MERN Stack, Next.js, REST APIs	2025
<ul style="list-style-type: none">Developed a full-stack campus event management platform, increasing event registrations by 40% and reducing check-in time by 70% using QR-based digital ticketsDesigned secure REST APIs, optimized MongoDB schemas, and implemented JWT-based role access for admins and participants	
Video MeetZ React, Express, WebRTC, WebSockets	2025
<ul style="list-style-type: none">Built a real-time video conferencing application supporting video, audio, and screen sharing using WebRTCAchieved sub-200ms end-to-end latency in controlled testing environments with scalable WebSocket-based signalingImproved connection reliability by 30% and reduced signaling overhead by 25% through optimized session handling	
Expense Tracker MERN Stack, REST APIs	2025
<ul style="list-style-type: none">Built a full-stack expense tracking application with JWT authentication, categorized transactions, and responsive dashboardsAdded category-wise analytics and monthly budget insights using chart-based visualizations, accelerating financial analysis by 60%	

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Framer Motion
APIs: RESTful API Design, JWT Authentication
Databases: MongoDB, MySQL, Firebase
Cloud & Deployment: AWS (EC2, S3), Docker, CI/CD, Vercel, Netlify, Render
Real-Time Technologies: WebRTC, WebSockets

EDUCATION

Sri Indu College of Engineering & Technology <i>B.Tech in Artificial Intelligence & Data Science; GPA: 7.74</i> Relevant Coursework: Artificial Intelligence, Data Science, Machine Learning, Operating Systems, DBMS	Hyderabad, India 2022 – 2026
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CERTIFICATIONS

JavaScript Essentials <i>Coursera</i>	2024
Python Programming <i>GeeksforGeeks</i>	Sep. 2025

LEADERSHIP & ACTIVITIES

Published 5+ full-stack projects on GitHub using MERN and Next.js, following clean code practices and clear documentation
Led teams in multiple hackathons, managing solution design, task allocation, and on-time feature delivery
Volunteered in college technical events, supporting coordination in fast-paced team environments